

AMENDMENTS TO THE CLAIMS

1 1-25. (Cancelled)

2 26. (Currently Amended) A method for performing textured mapping of a target area, the
method comprising the steps of:

3 providing a user interface that allows a user to select placement of aperiodic tiles on a
4 texture image;

5 based on said placement, generating textured tiles; and

6 covering said target area in an aperiodic tiling pattern with said textured tiles;

7 wherein each of said aperiodic tiles has a periphery shape and wherein said aperiodic
8 tiling pattern is aperiodic relative to a pattern created by periphery shapes of said
9 aperiodic tiles as placed on said target area.

1 27. (Previously Presented) The method of claim 26, further comprising the step of:
2 receiving input that defines said texture image.

1 28. (Previously Presented) The method of claim 26, wherein said step of covering said target
2 area in said aperiodic tiling pattern with said textured tiles includes the step of:
3 placing said textured tiles in an overlapping configuration on said target area.

1 29-30. (Cancelled)

1 31. (Currently Amended) A computer-readable medium carrying one or more sequences of
2 instructions for performing textured mapping of a target area, wherein execution of the

3 one or more sequences of instructions by one or more processors causes the one or more
4 processors to perform the steps of:
5 providing a user interface that allows a user to select placement of aperiodic tiles on a
6 texture image;
7 based on said placement, generating textured tiles; and
8 covering said target area in an aperiodic tiling pattern with said textured tiles;
9 wherein each of said aperiodic tiles has a periphery shape and wherein said aperiodic
10 tiling pattern is aperiodic relative to a pattern created by periphery shapes of said
11 aperiodic tiles as placed on said target area.

1 32. (Previously Presented) The computer-readable medium of claim 31, wherein said
2 execution causes said one or more processors to perform the step of:
3 receiving input that defines said texture image.

1 33. (Previously Presented) The computer-readable medium of claim 31, wherein said step of
2 covering said target area in said aperiodic tiling pattern includes the step of:
3 placing said textured tiles in an overlapping configuration on said target area.

1 34-35. (Canceled)